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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER		
JESO127081		
U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/575111		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	EARLIEST PRIORITY DATE CLAIMED
PCT/GB2004/004016	Sept. 20, 2004	Sept. 24, 2003
TITLE OF INVENTION		
COOLING MECHANISMS FOR ROTARY VALVE CYLINDER ENGINES		
APPLICANT(S) FOR DO/EO/US		
Keith Trevor LAWES		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by **Express Mail**:

- X 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- X 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- X 4. The US has been elected (Article 31).
- X 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- X a. is attached hereto (required only if not communicated by the International Bureau).
- b. has been communicated by the International Bureau.
- c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

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- ____ 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- ____ a. are attached hereto (required only if not communicated by the International Bureau).
- ____ b. have been communicated by the International Bureau.
- ____ c. have not been made; however, the time limit for making such amendments has NOT expired.
- ____ d. have not been made and will not be made.
- ____ 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- X 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ____ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ____ 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- ____ 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- X 13. A preliminary amendment.
- ____ 14. An Application Data Sheet under 37 C.F.R. 1.76.
- ____ 15. A substitute specification.
- ____ 16. A power of attorney and/or change of address letter.
- ____ 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13^{ter}.2 and 37 C.F.R. 1.821 – 1.825 is transmitted herewith in printed and computer-readable formats. The paper and computer-readable copies of the sequence listing are the same and do not contain new matter. Entry of the sequence listing into the application is requested. The paper copy comprises ____ additional pages.
- ____ 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ____ 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- X 20. Other items or information:
- Copy of the published international application without the international search report;
 - Copy of the published international application with the international search report.

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The following fees are submitted:.				CALCULATIONS	
21. <u> X </u> a) Basic national fee\$300				\$300	
22. <u> X </u> b) Examination fee If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0.00 All other situations \$200.00				\$200	
23. <u> X </u> c) Search fee If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0.00 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400.00 All other situations \$500.00				\$400	
TOTAL OF ABOVE CALCULATIONS =				\$900	
<u> </u> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				--	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	--	
- 100 =	/50=		x \$250	\$--	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$--	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	58 - 20 =	38	x \$50	\$1,900	
Independent claims	5 - 3 =	2	x \$200	\$ 400	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 360	
TOTAL OF ABOVE CALCULATIONS =				\$3,560	
<u> X </u> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1,780	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$--	
TOTAL NATIONAL FEE =				\$1,780	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.				\$--	
TOTAL FEES ENCLOSED =				\$1,780	

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10/573111	Amount to be refunded:	\$
	Amount to be charged:	\$

- X a. Check No. 169630 in the amount of \$ 1,780 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.
- X c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

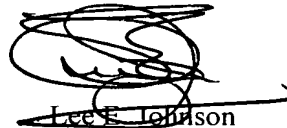
SEND ALL CORRESPONDENCE TO:

Customer No. 26389

Lee E. Johnson
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Respectfully submitted,

CHRISTENSEN O'CONNOR
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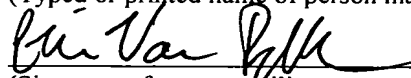
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EXPRESS MAIL CERTIFICATE

Express Mail No.: EV 683829655 US
Date of Deposit: March 23, 2006

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Erin Van Dyck
(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

LEJ:pas

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